

ABSTRACT OF THE DISCLOSURE

A LAN constituted over a pair of buildings, located a distance from each other, comprises hubs, a server and personal computers. In the LAN, a wired LAN including a wireless transmission section between the pair of buildings, and a wireless LAN including wireless access sections between an access point and wireless terminals are connected to each other. A transmission frequency band (5GHz) used in the wireless transmission section and a transmission frequency band (2.4GHz) used in the wireless access sections are set to be distinct from each other so that the deterioration of transmission quality by interference of electric waves used in both of the wireless sections can be securely prevented.